**Prior Knowledge: Electricity Unit**

* Students have come across the terms such as current and static electricity and have basic understanding that some conditions affect it.
* students understand that electricity is used at home to cook food, heat home, etc.
* Students have an idea that there is input of energy and then there is out put such as air coming out of hair dryer when electricity passes through it.
* Electric circuits can be turned on and off with a switch and how electricity plays an important role in our lives.
* Electrical energy can be transformed into other forms of energy such as heat, light, sound, etc.
* students have understanding that overconsumption and over use of electricity has implications life, environment and society.
* Students have learned in grade 7 and 8 about how electricity was discovered and harnessed for use
* Student have constructed, built or designed electrical circuits using simple tools such as switches and bulbs in grade 6
* students have knowledge of terms such as conductor, conservation of energy and insulation.